
































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NOTES:

1. UNLESS OTHERWISE NOTED TOLERANCES PER MPP-54
2. IDENTIFY IAW MPP-120.
- 3 MATERIAL: P/N 600.0110, SEE SPEC AMS-014A.  
- 4 VENDOR: MIRADA RESEARCH AND MANUFACTURING INC.
- 5 MATERIAL: P/N 600.0025, SEE SPEC AMS-021. 
6. BOND SURFACES USING F/N 45, ADHESIVE
7. TORQUE ALL HOSE FITTINGS TO 120 TO 140 IN-LBS.
8. DELETED
- 9 FONT SIZE: 1 INCH. LOCATE STENCIL APPROXIMATELY AS SHOWN.
- 10 GRASP LINE, 647.6037, MUST HAVE ONE FULL TWIST IN LINE.
11. TEST IAW DART AEROSPACE DOCUMENT DA139ATP-2.
- 12 PASS LIFERAFT HOSE THROUGH F/N 44 AT NEXT ASSY.
- 13 BOND ALONG END OF FWD PANEL, F/N 5 OR 18.
- 14 PLACE F/N 63, SHRINK TUBING OVER HOSE FITTINGS, COVERING ALL METALLIC PARTS
- 15 TIE BOWLINE KNOT TO FIRST WEBBING STRAP OF GIRT, F/N 52. LEAVE APPROX. 2" OF WEBBING ON THE FREE END
- 16 ATTACH BOX STITCHED PATCH OF F/N 62 TO BOOM LOCATION AS SHOWN
- 17 ALIGN FWD EDGE OF F/N 53 OR 54 WITH AFT EDGE OF F/N 52 OR 64
- 18 ALIGN SEAM ON F/N 34 OR 35 WITH THE ALIGNMENT LINE ON F/N 5 OR 18

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR28		N/C
N/C	INITIAL RELEASE	03-01-06	P. BRAVO
A	INCORPORATED ECN 05467	07-07-16	P. BRAVO
B	INCORPORATED ECN 05774	06-23-17	P. BRAVO
C	INCORPORATED ECN 06045	08-20-18	P. BRAVO
D	INCORPORATED ECN 06188	04-10-19	P. BRAVO
E	INCORPORATED ECN 06228	05-22-19	P. BRAVO
F	INCORPORATED ECN 06452	02-21-20	J. GARDINER

						1	1			43	647.1010	DUAL INLET CHECK VALVE (-8 TO -4)		
		4	4							42	601.1447	PRV/TOPPING VALVE	A-53001-S REV N/C	
	1									39	650.6005	-4 SINGLE INLET CHECK VALVE(.053)		
	1									36	647.6029	BOOM PANEL		
						1				35	650.5902	AW139 LIFERAFT PACK COVER R.H.		
							1			34	650.5901	AW139 LIFERAFT PACK COVER L.H.		
						24	24	24	24	32	604.1210	SPLIT PATCH		
										31	DELETED			
										30	DELETED			
										29	DELETED			
						1	1	1	1	28	647.1011	-8 DUAL INLET CHECK VALVE (.187)		
	6 FT	23 FT	23 FT							27		2" TAPE		
		42 FT	42 FT							26		STOVE PIPE (3.50 TAPE BIAS)		
	1	4	4							25	604.1313	VALVE COLLAR		
		4	4							24	604.1311	VALVE COLLAR		
		53 FT	53 FT							23		1" TAPE		
	1	4	4							22	604.1701	DIFFUSER		
		4	4							21	604.1401	CHAFE GUARD		
		1								20	647.6028	PANEL AFT R.H.		
		1								19	647.6027	PANEL CENTER R.H.		
		1								18	647.6026	PANEL FWD R.H.		
		1	1							17	647.6022	AFT BLKHD PANEL		
		1	1							16	647.6021	CENTER BLKHD PANEL		
		1	1							15	647.6020	FWD BLKHD PANEL		
		2	2							14	647.6019	AFT BLKHD COLLAR		
		2	2							13	647.6018	CENTER BLKHD COLLAR		
		2	2							12	647.6017	FWD BLKHD COLLAR		
		2	2							11	647.6016	AFT END CAP COLLAR		
		2	2							10	647.6015	FWD END CAP COLLAR		
		1	1							9	647.6014	AFT END CAP		
		1	1							8	647.6013	FWD END CAP		
			1							7	647.6012	PANEL AFT L.H.		
			1							6	647.6011	PANEL CENTER L.H.		
			1							5	647.6010	PANEL FWD L.H.		
						1	1	1	1	4	647.1012	-8 DUAL INLET CHECK VALVE (.240)		
	1	4	4							3	600.0205	FLUSH FLANGE	B-51073 REV D	
		4	4							2	600.0206	RECESSED FLANGE	B-51242 REV C	
						1	1	2	2	1	647.0911	-8 SINGLE INLET CHECK VALVE(.240)		
X						1	1	1	1	X	647.6037	GRASP LINE ASSY		
	X					1	1			X	647.6009	BOOM ASSY		
		X				1		1		X	647.6008	FLOAT R.H.		
			X				1		1	X	647.6007	FLOAT L.H.		
				x						X	DELETED			
					x					X	DELETED			
						X				X	647.6004	AFT FLOAT R.H. W/ LR PACK COVER		
							X			X	647.6003	AFT FLOAT L.H. W/ LR PACK COVER		
								X		X	647.6002	AFT FLOAT ASSY R.H.		
									X	X	647.6001	AFT FLOAT ASSY L.H.		
.6037	.6009	.6008	.6007	.6006	.6005	.6004	.6003	.6002	.6001	FIND No.	PART No.	DESCRIPTION	MAT'L	SPEC

PROTOTYPE REVISIONS						
ZONE	REV.	DESCRIPTION	DATE	APPROVED	RC	REVISED
BOM, 5/B4, 5/A6, 6/C2, 6/C4, 7/C7,10/B3, 11/B3	PF1	ADDED GIRT LOCATING MARKINGS TO PATTERNS, MOVED OVERLAP LINES ON ENDCAPS/BLKHDS BY .5", CHANGED CERTAIN DIMENSIONS TO ARC DIMENSIONS, DELETED EXTRANEIOUS DOUBLERS FROM DRAWING	03/26/21	J.GARDINER	DE	Z. ALOKOZAI
NOTES, 5/A5, 5/B4, 5/B6, 6/C2, 6/C6, 8/C8, 10/B3	PF2	REMOVED REFERENCES TO REVISIONS IN NOTES, CHANGED GIRT LOCATING DIMENSIONS TO INSPECTION DIMENSIONS, REVISED INCORRECT PATTERN DIMENSIONS, IMPROVED GIRT MARKINGS ON FLOAT PATTERNS	05/07/21	J. GARDINER	DE	Z. ALOKOZAI

QTY

NEXT ASSY (S)

650.5100

ORIGINAL DATE (MO-DA-YR) 12-10-2013

DRAWN BY S. COCHRAN

CHECKER P. BRAVO

DRAWING APPROVAL P. BRAVO 12-10-2013

CONTRACT No.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES ARE:
2 PLACE DECIMALS ±.010
3 PLACE DECIMALS ±.005
ANGLES ±.5°

DART
AEROSPACE

APICAL INDUSTRIES, INC.
dba DART AEROSPACE

3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

AFT FLOAT

SIZE B

CAGE CODE 07MZ6

DWG. NO. 647.6000

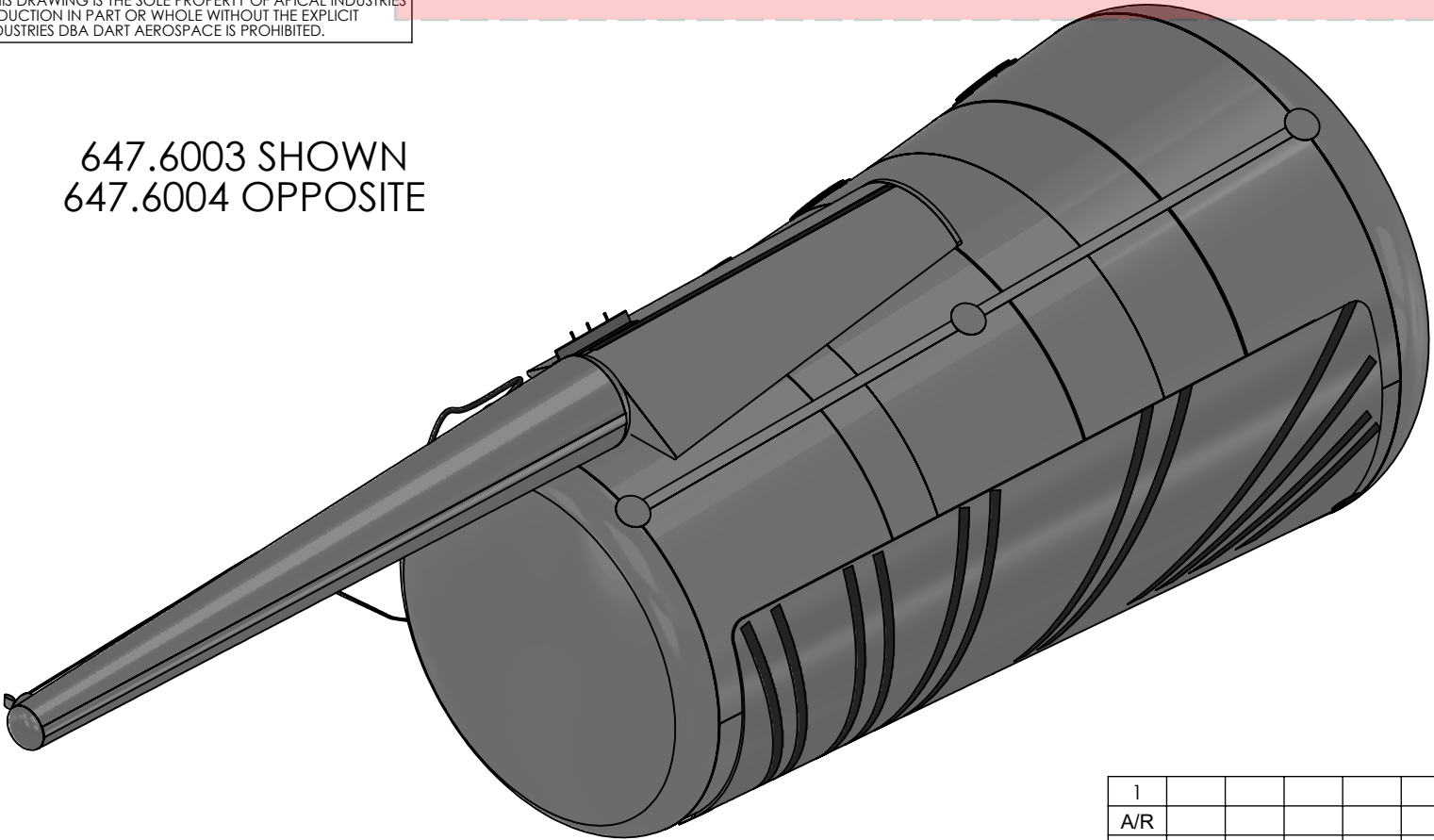
REV. PF2

SCALE NONE

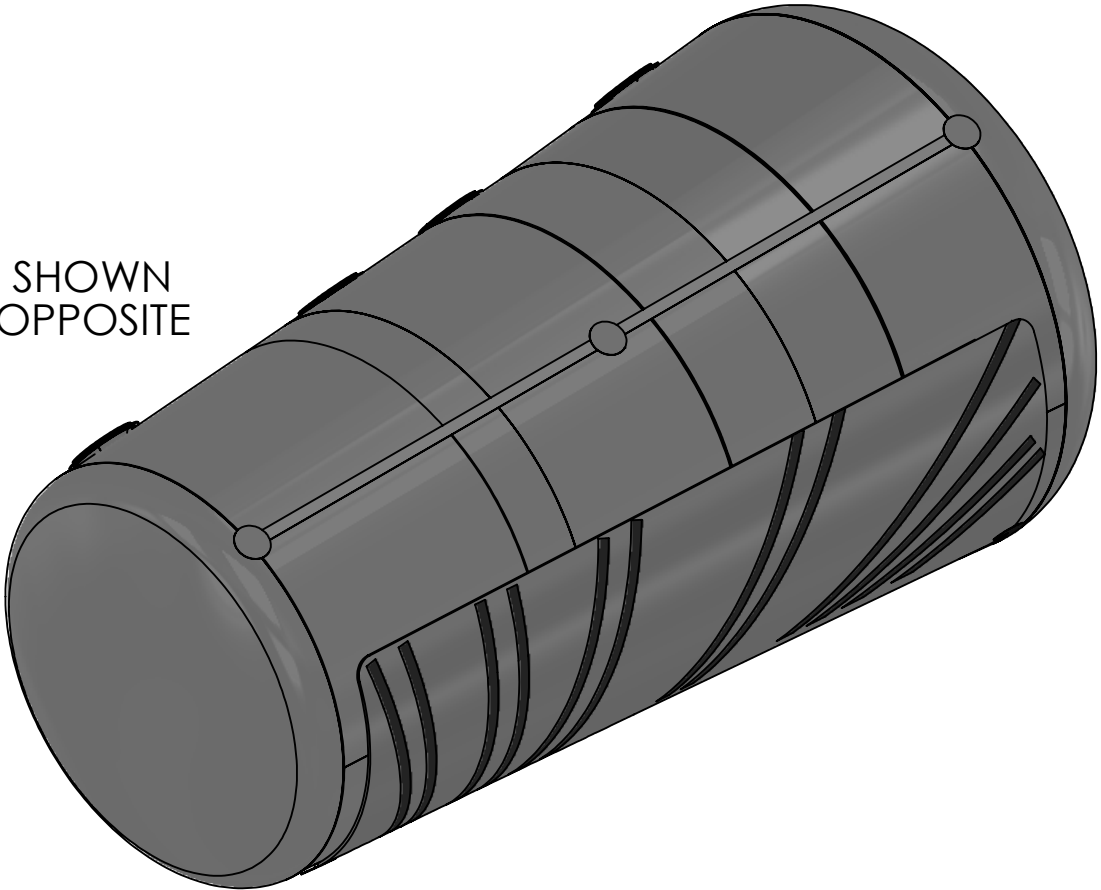
SHEET 1 OF 11

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647.6003 SHOWN
647.6004 OPPOSITE



647.6001 SHOWN
647.6002 OPPOSITE



1										69	647.6039	COVER PATCH		
A/R										68	600.0507	THREAD (WHITE)	VT-295E	SIZE F
2.12										67	600.0436	WEBBING 1" WHITE	MIL-W-4088 TYP II CL 1	
YD													NAT	
3										66	650.4442	BASE PATCH		
2										65	647.6038	COVER PATCH		
						1	1	1	1	64	648.3305	AFT MAIN GIRT ASSY		
		A/R	A/R			A/R	A/R	A/R	A/R	63	601.1493	SHRINK TUBING (BLACK)		M23053/5-108-O
						1	1			62	650.5710	BOOM RESTRAINT ASSY		
										61	DELETED			
										60	DELETED			
										59	DELETED			
										58	DELETED			
										57	DELETED			
										56	DELETED			
						1	1	1	1	55	602.3417	HOSE ASSY		
						1		1		54	648.3310	RH AFT RESTRAINT ASSY		
							1		1	53	648.3309	LH AFT RESTRAINT ASSY		
						1	1	1	1	52	648.3304	AFT MAIN GIRT ASSY		
										51	DELETED			
						1	1	1	1	50	601.1398	-8 UNION TEE	J8T	
						1	1			49	602.3415	HOSE ASSY		
						1	1	1	1	48	602.3408	HOSE ASSY		
						1	1	1	1	47	602.3407	HOSE ASSY		
						2	2	2	2	46	602.3406	HOSE ASSY		
		A/R	A/R	A/R		A/R	A/R	A/R	A/R	45	600.0901	ADHESIVE		
						2	2			44	650.9001	VELCRO LOOP ASSY		
.6037	.6009	.6008	.6007	.6006	.6005	.6004	.6003	.6002	.6001	FIND No.	PART No.	DESCRIPTION	MAT'L	SPEC

QTY										PARTS LIST				
NEXT ASSY (S)										ORIGINAL DATE (MO-DA-YR) 12-10-2013				
										DRAWN BY S. COCHRAN CHECKER P. BRAVO				
										DRAWING APPROVAL P. BRAVO 12-10-2013 CONTRACT No.				
										UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°				
										DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300				
										AFT FLOAT				
										SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.6000	REV. PF2	
										SCALE NONE SHEET 2 OF 11				

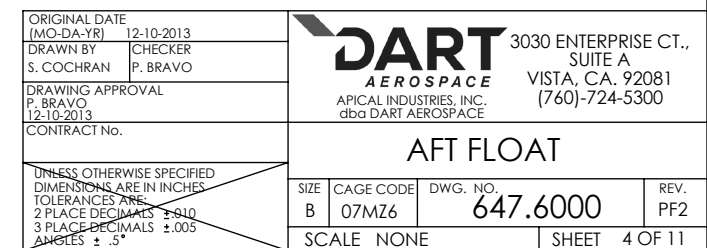
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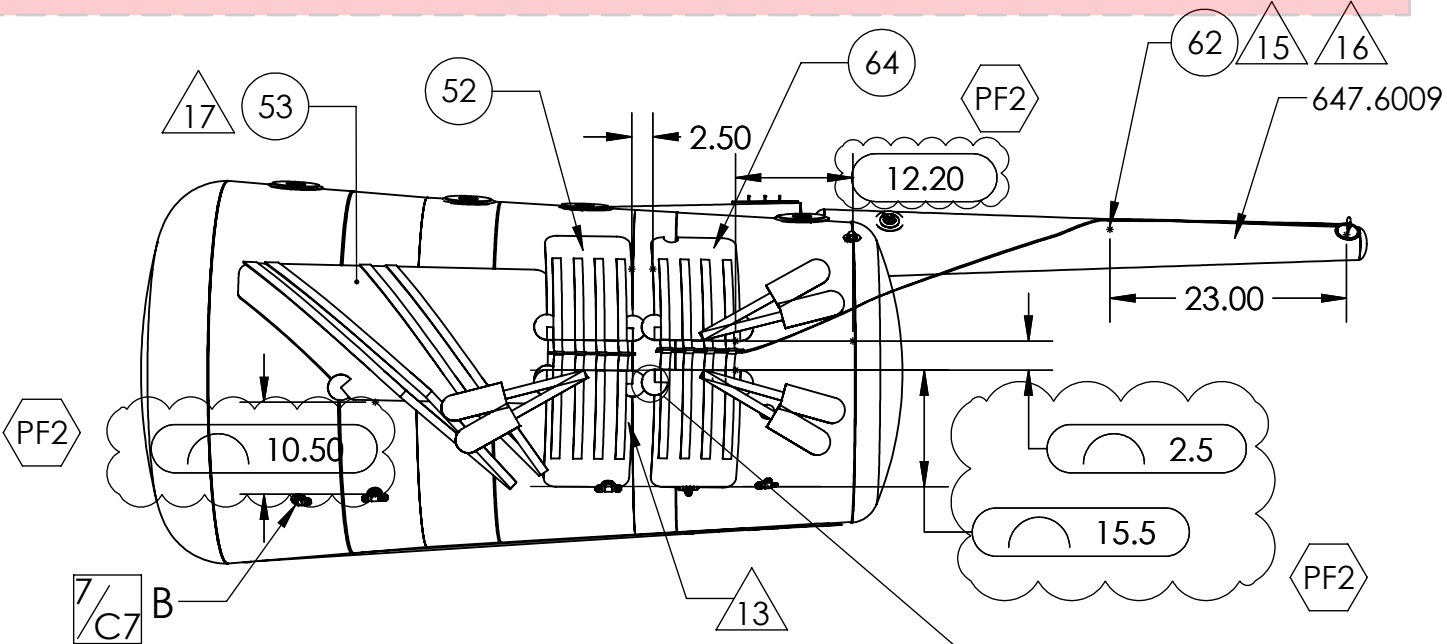
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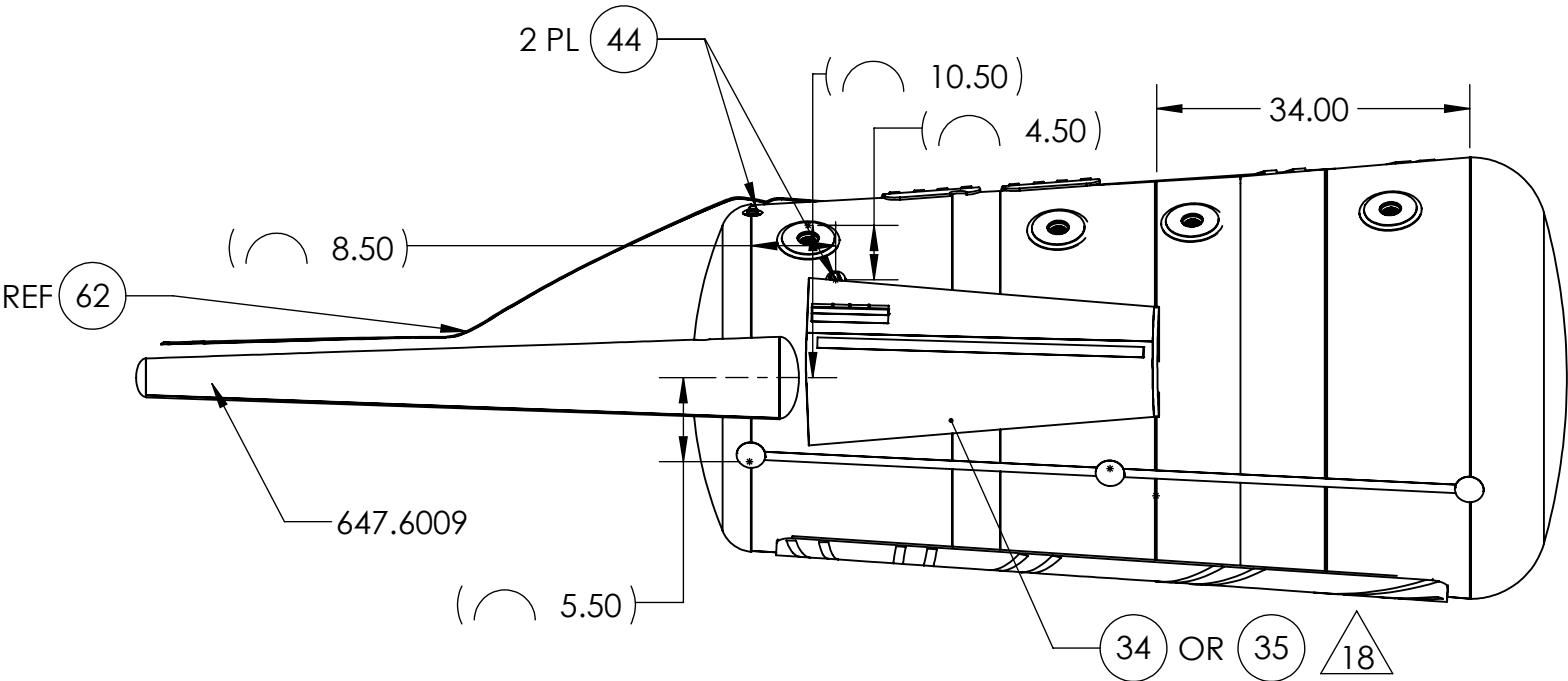
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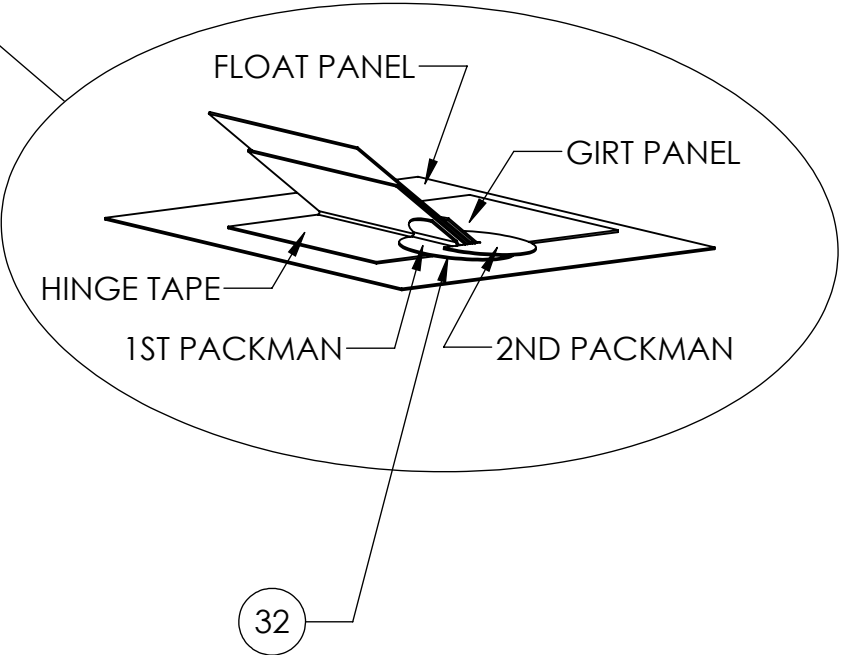
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647.6003 SHOWN
HOSE ASSY'S REMOVED FOR CLARITY



647.6003 SHOWN
647.6004 OPPOSITE



ORIGINAL DATE (MO-DA-YR)	12-10-2013
DRAWN BY	S. COCHRAN
CHECKER	P. BRAVO
DRAWING APPROVAL	P. BRAVO
12-10-2013	
CONTRACT No.	

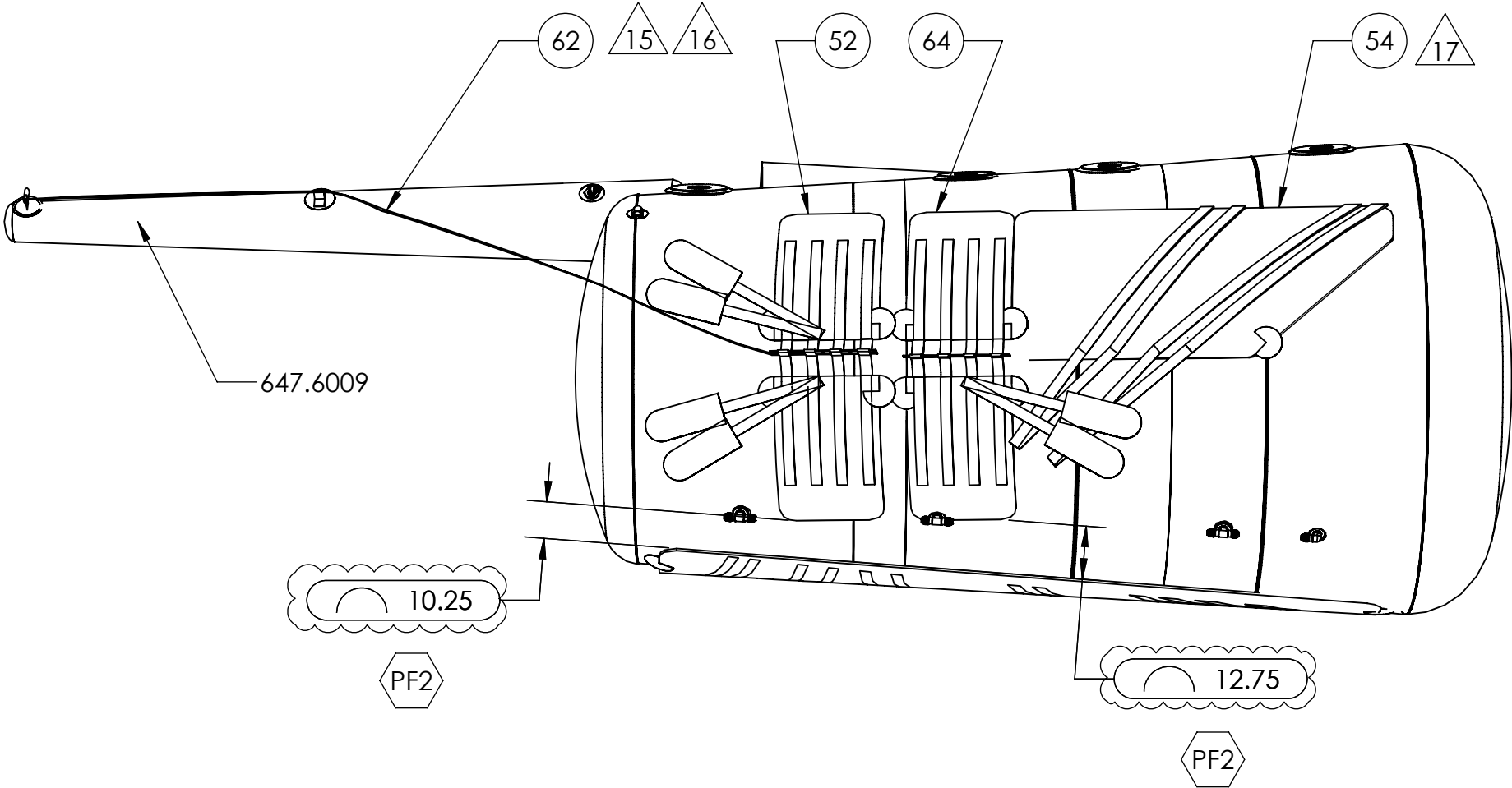
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°
--

DART
AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE

3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

AFT FLOAT			
SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	647.6000	PF2
SCALE NONE		SHEET 5 OF 11	

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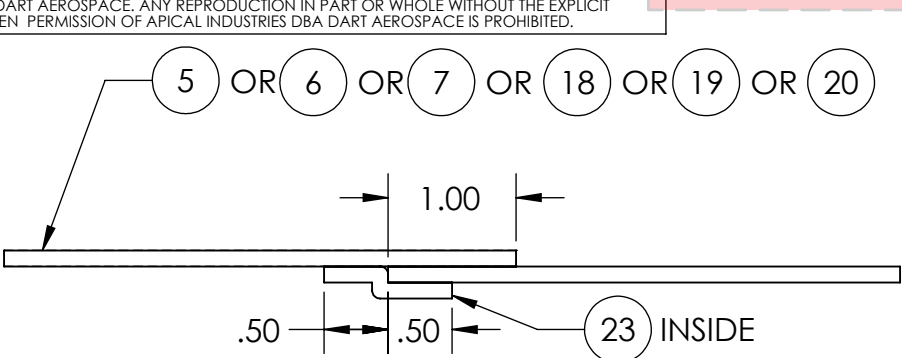


647.6004 SHOWN
HOSE ASSY'S REMOVED FOR CLARITY
ALL DIMENSIONS SHOWN SAME AS 647.6003

ORIGINAL DATE (MO-DA-YR) 12-10-2013		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. COCHRAN	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 12-10-2013		AFT FLOAT	
CONTRACT No.		SIZE B	REV. PF2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.6000
		SCALE NONE	SHEET 6 OF 11

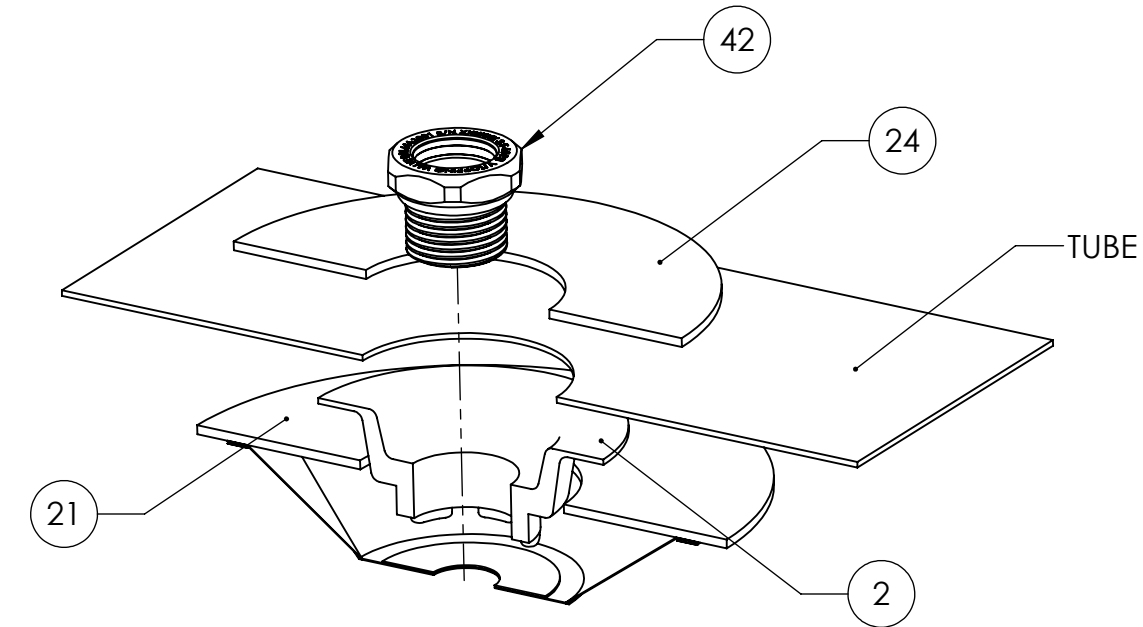
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A



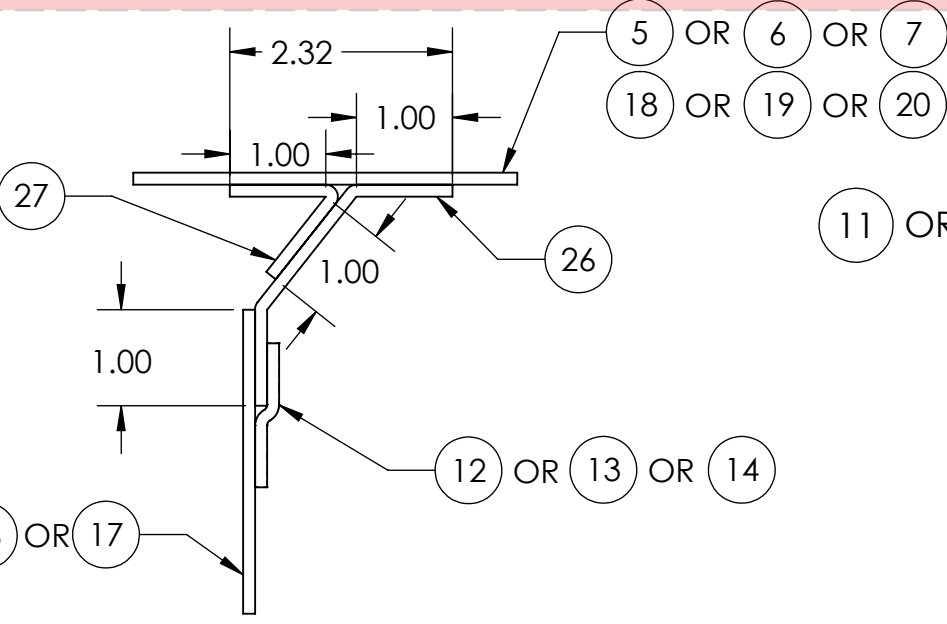
SECTION D-D 4/B1
PANEL CLOSING SEAM

B



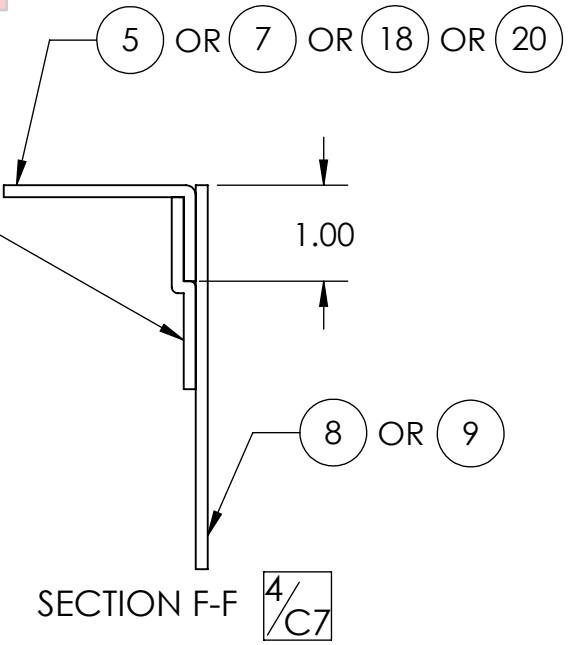
DETAIL A
PRV INSTALLATION 4PL 4/B3

C

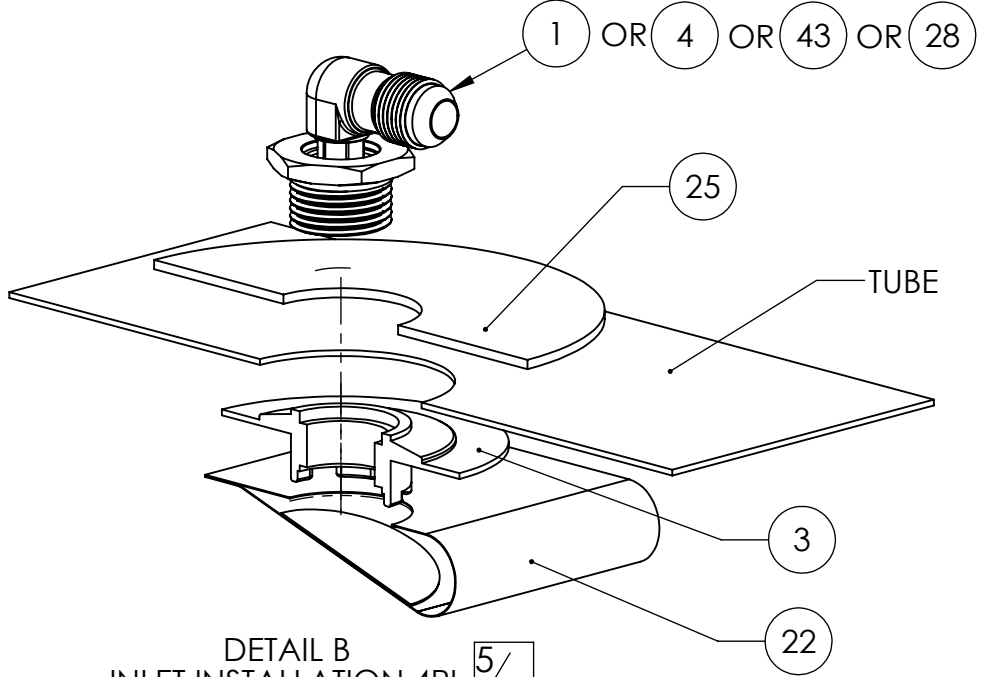


SECTION E-E 4/A5

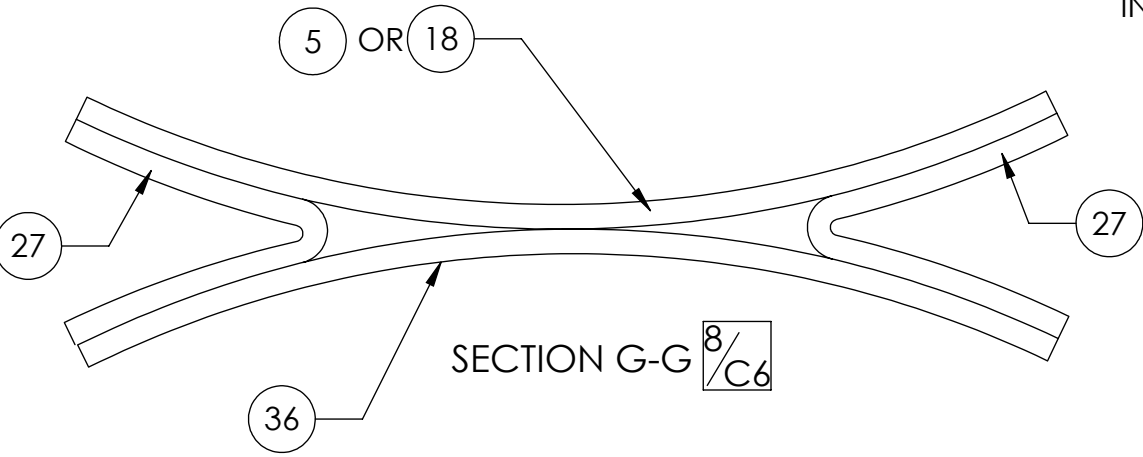
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SECTION F-F 4/C7



DETAIL B
INLET INSTALLATION 4PL 5/B3



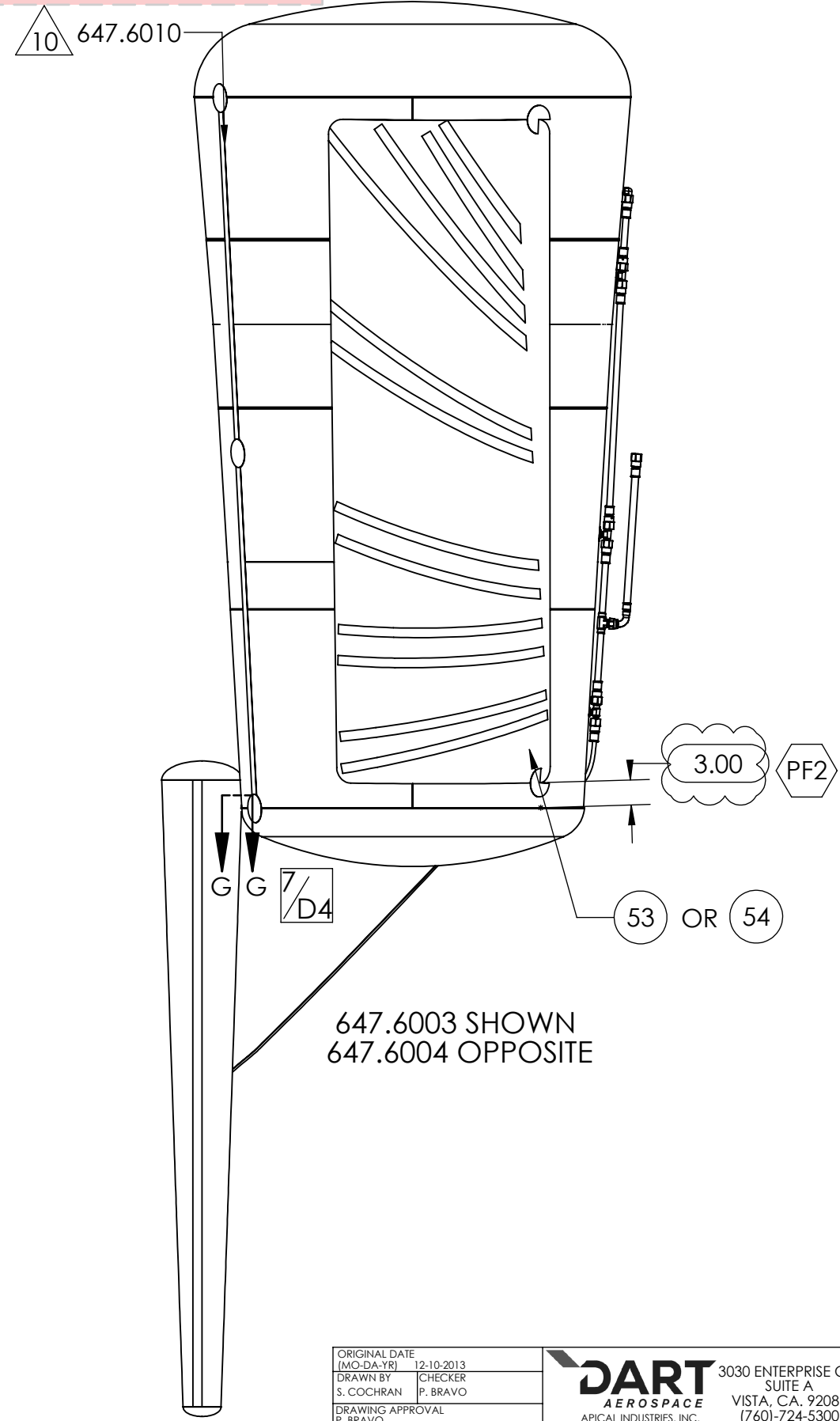
SECTION G-G 8/C6

ORIGINAL DATE (MO-DA-YR) 12-10-2013
DRAWN BY S. COCHRAN
CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO
12-10-2013
CONTRACT No.


UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.010
3 PLACE DECIMALS ±.005
ANGLES ±.5°

DART AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE

3030 ENTERPRISE CT., SUITE A
VISTA, CA. 92081
(760)-724-5300
AFT FLOAT
SIZE B CAGE CODE 07MZ6 DWG. NO. 647.6000 REV. PF2
SCALE NONE SHEET 7 OF 11



647.6003 SHOWN
647.6004 OPPOSITE

ORIGINAL DATE (MO-DA-YR)	12-10-2013	 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300			
DRAWN BY S. COCHRAN	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 12-10-2013 CONTRACT NO.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .010$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		AFT FLOAT			
		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.6000	REV. PF2
		SCALE NONE		SHEET 8 OF 11	

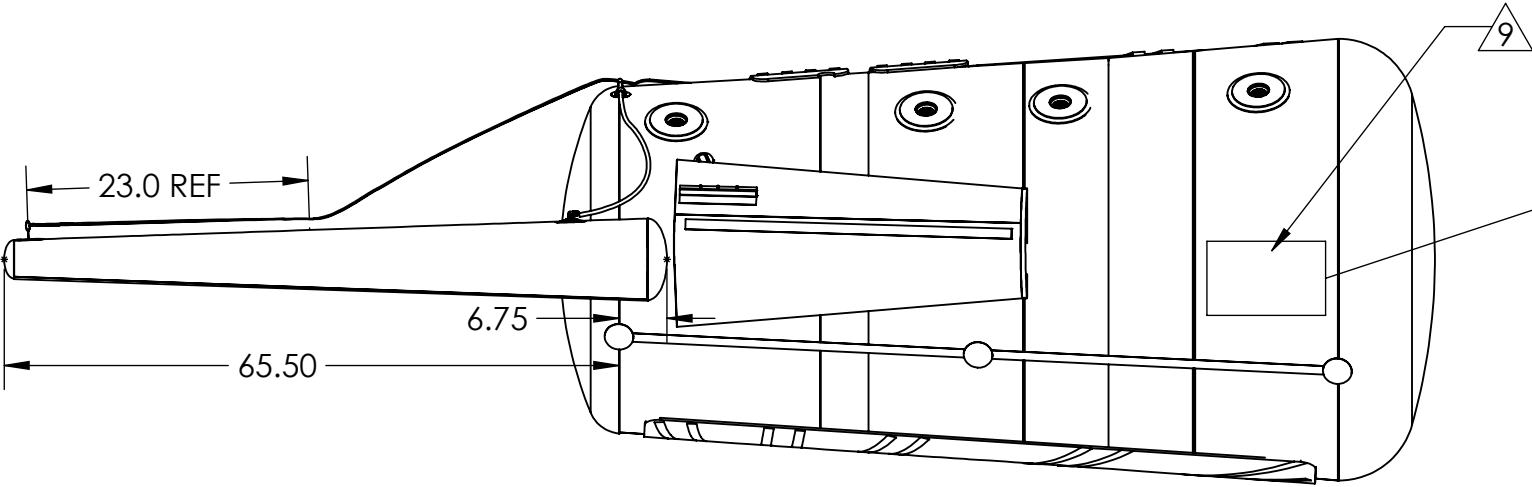
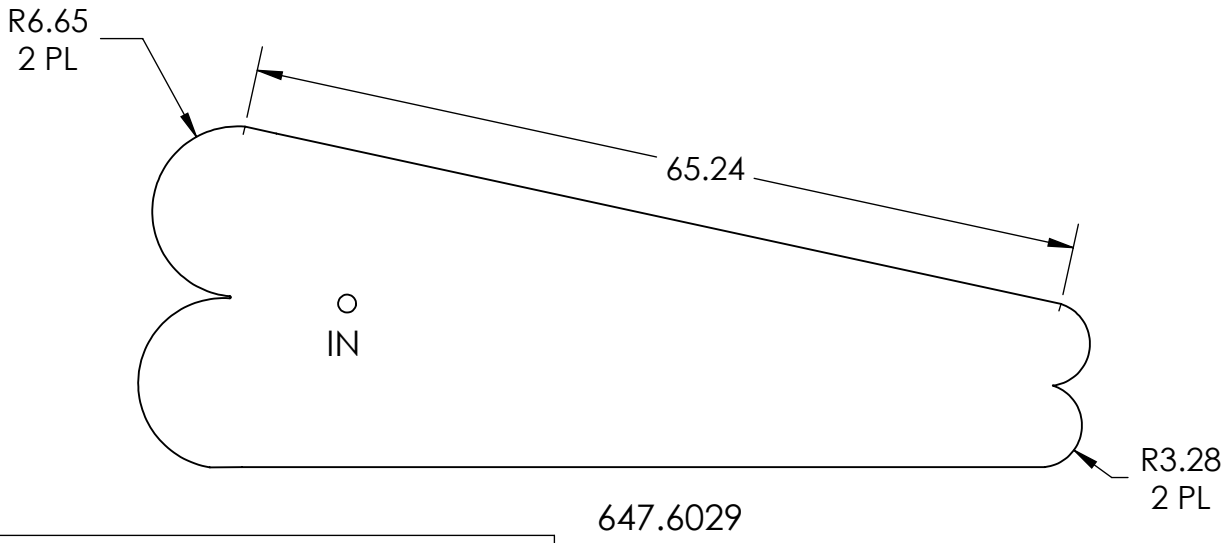
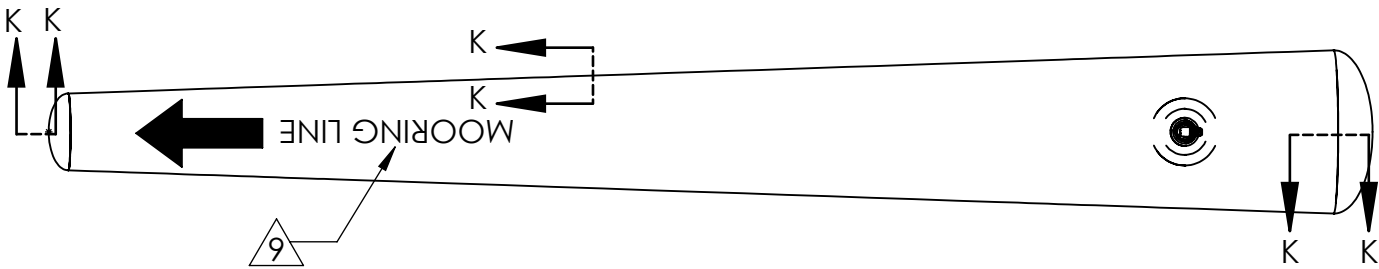
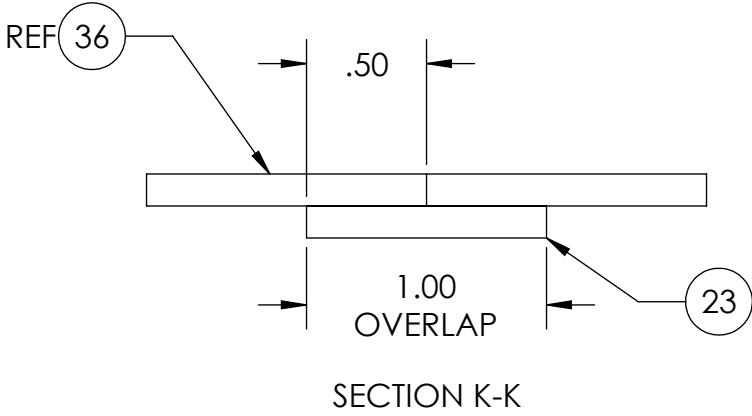
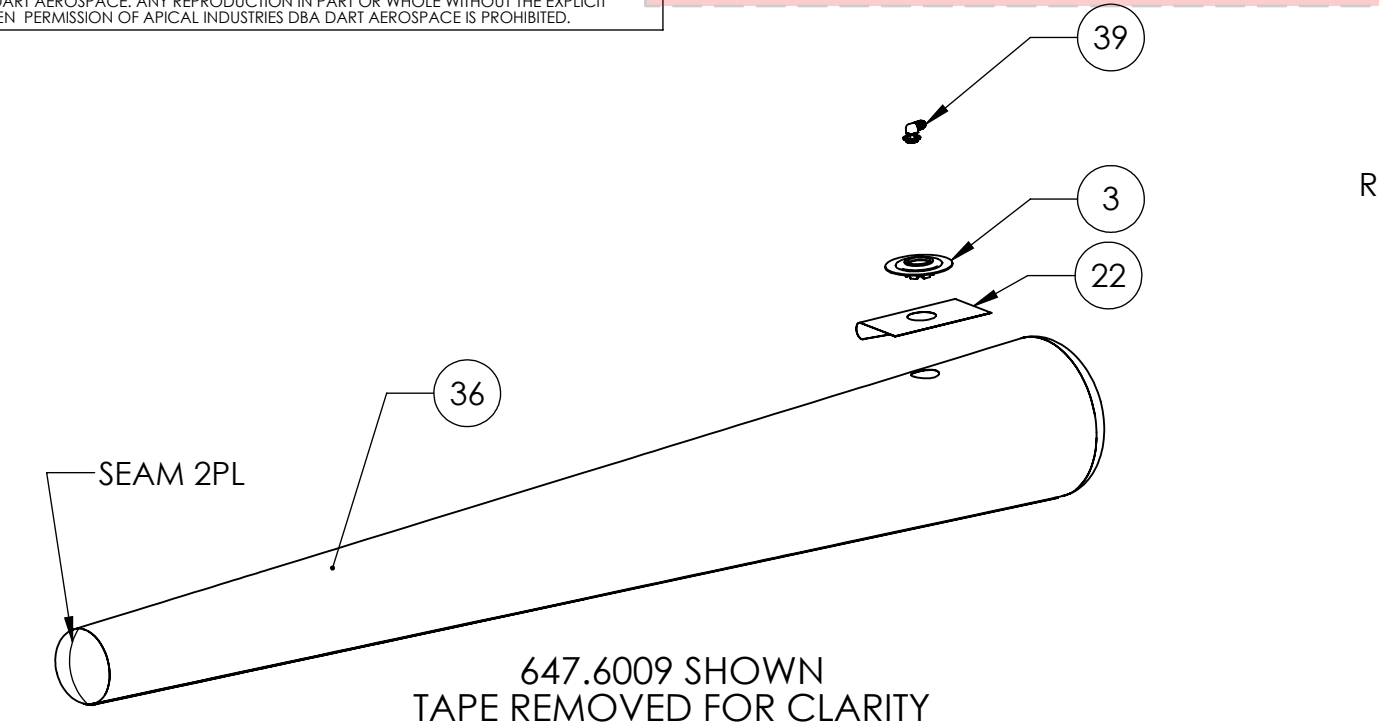
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A

B

C

D




DART AEROSPACE
APICAL INDUSTRIES, INC.
DBA DART AEROSPACE
AW P/N 3G9560V07XXX
DART P/N 647.600X
S/N:
CON. NO.
D.O.M.: MON- YEAR

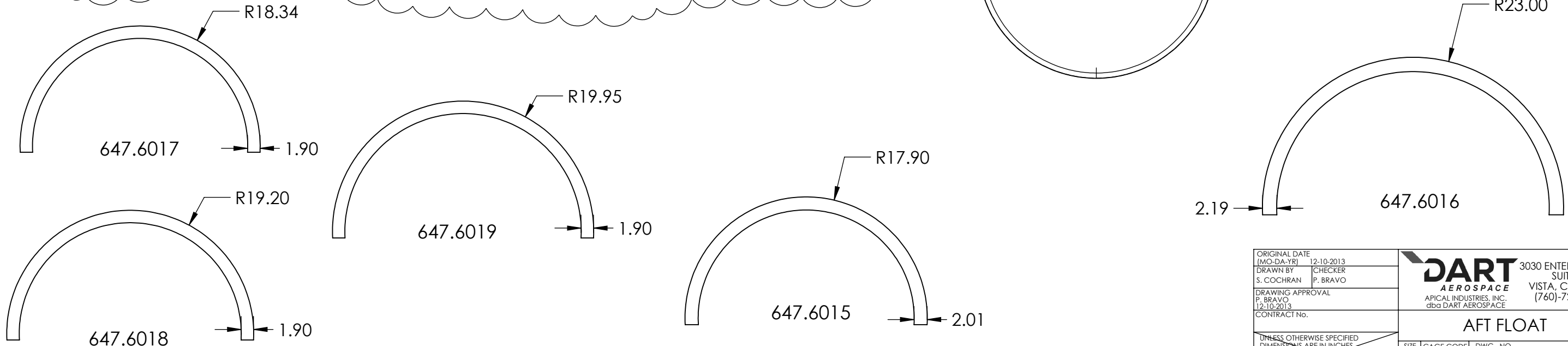
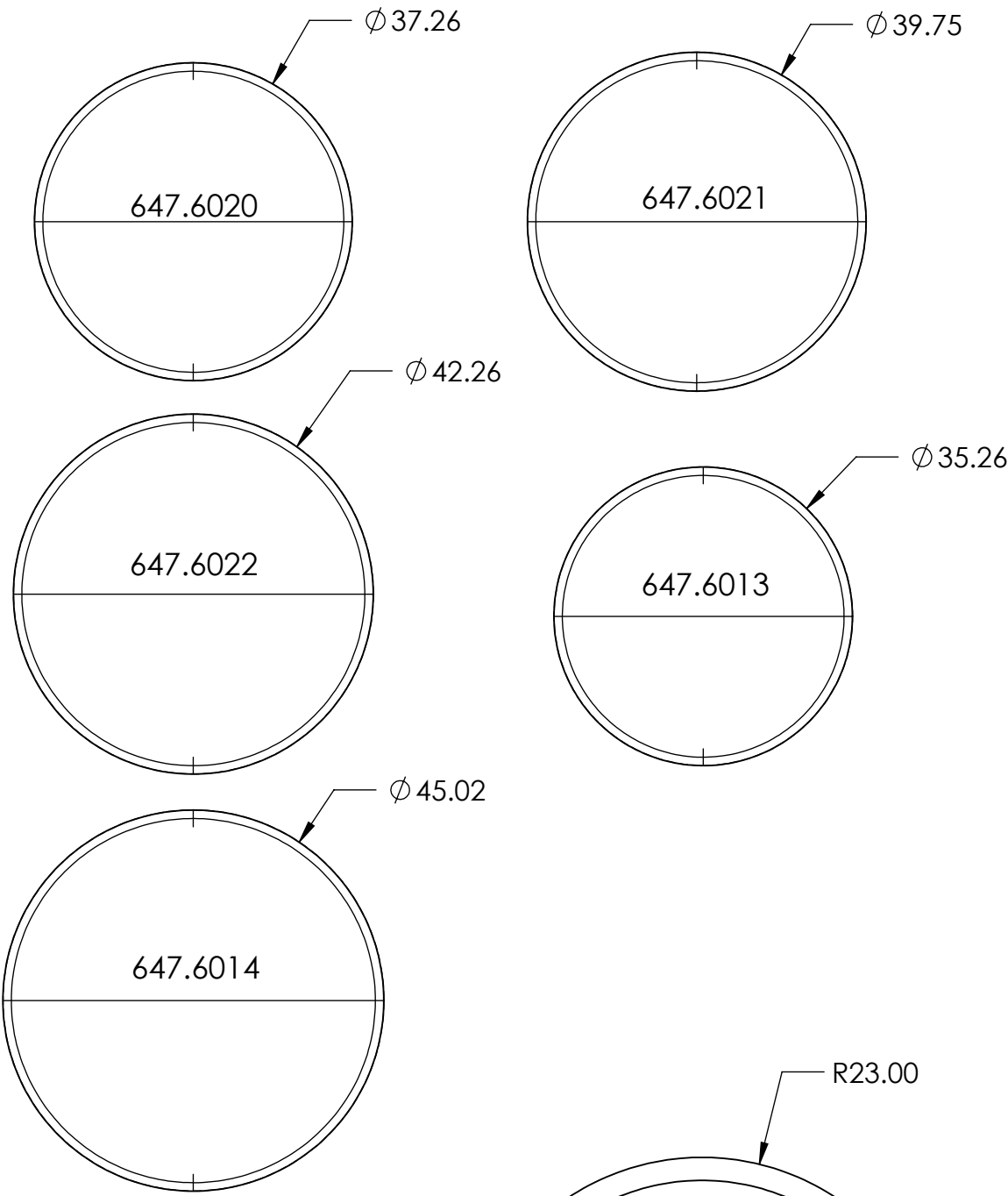
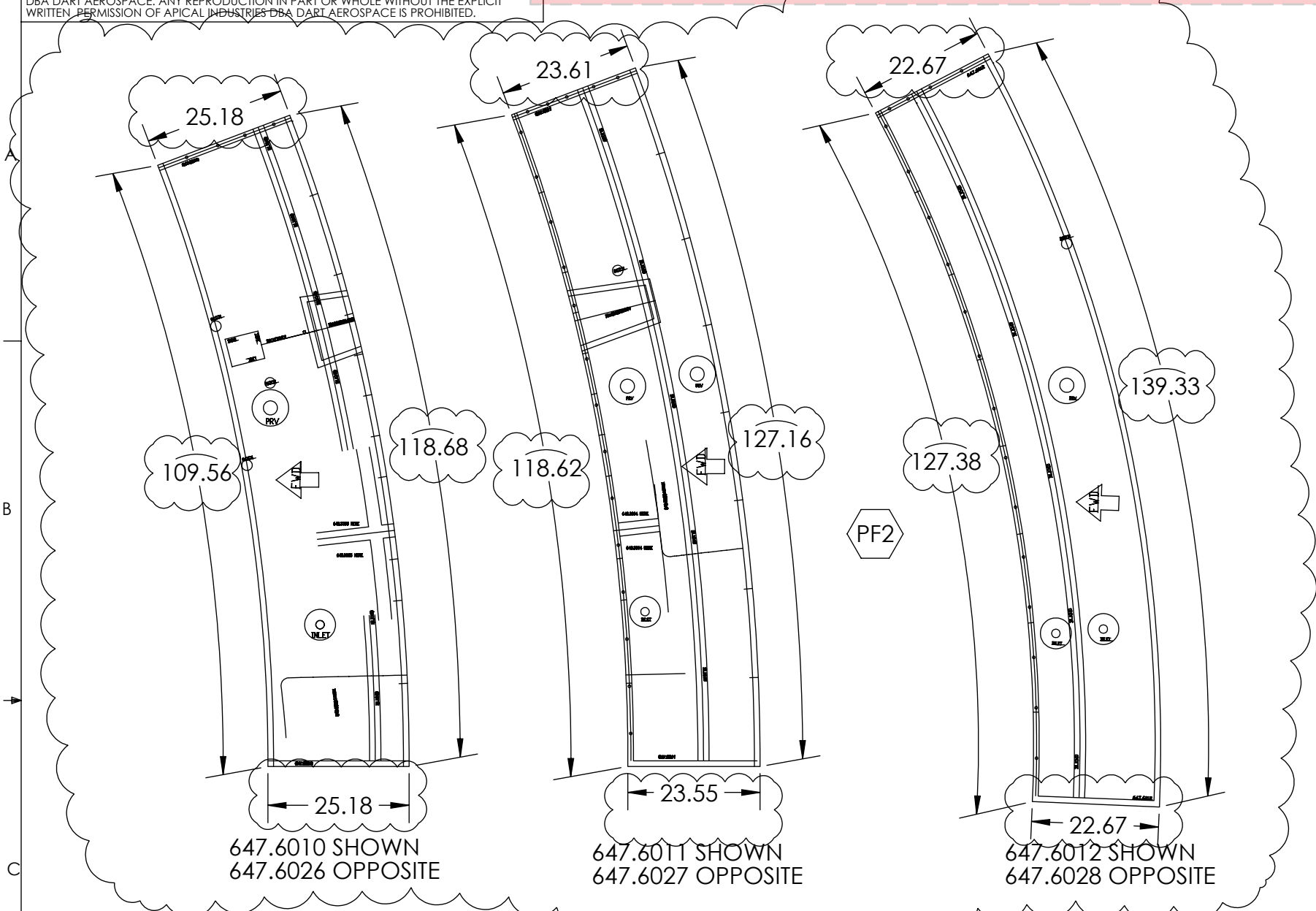
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LH FLT: "3G9560V07651" & "647.6003"
RH FLT: "3G9560V07551" & "647.6004"

ORIGINAL DATE (MO-DA-YR)	12-10-2013
DRAWN BY	S. COCHRAN
CHECKER	P. BRAVO
DRAWING APPROVAL	P. BRAVO
12-10-2013	
CONTRACT No.	

UNLESS OTHERWISE SPECIFIED	
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2 PLACE DECIMALS	±.010
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AFT FLOAT			
SIZE	CAGE CODE	DWG. NO.	REV.
B	07M26	647.6000	PF2
SCALE NONE		SHEET 9 OF 11	

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DRAWN BY S. COCHRAN	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 12-10-2013		AFT FLOAT			
CONTRACT No.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.6000	REV. PF2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .010$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SCALE NONE		SHEET 10 OF 11	

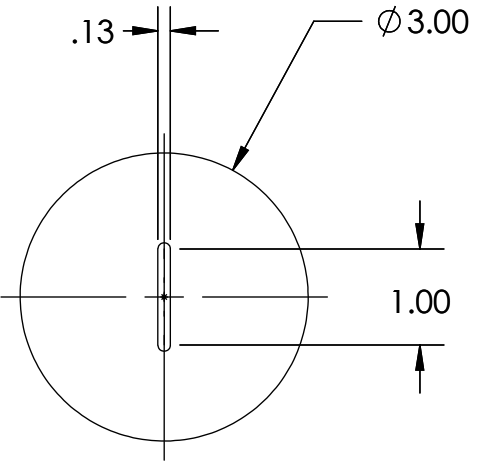
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A

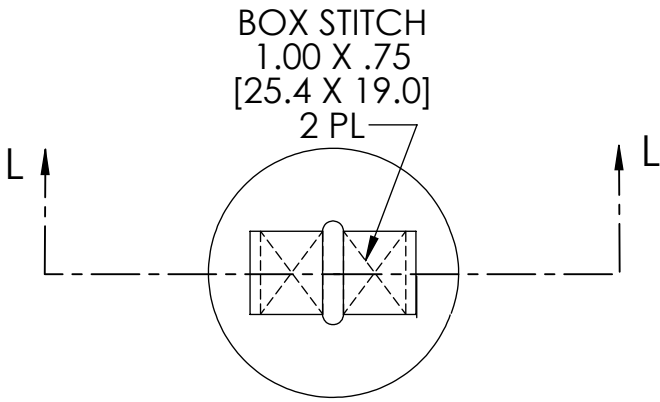
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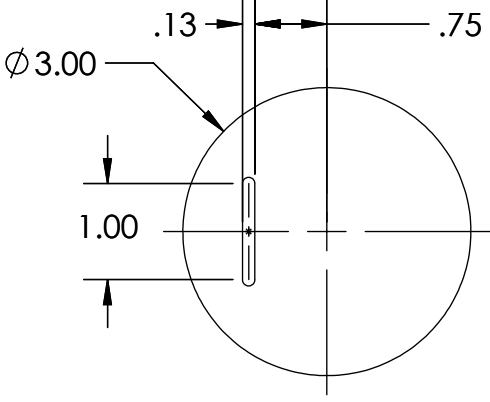
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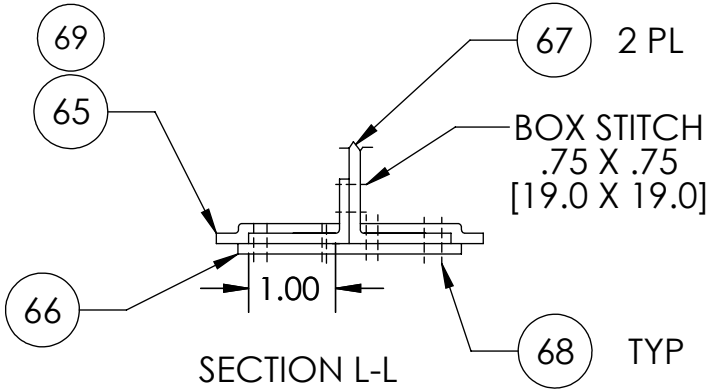
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DETAIL C

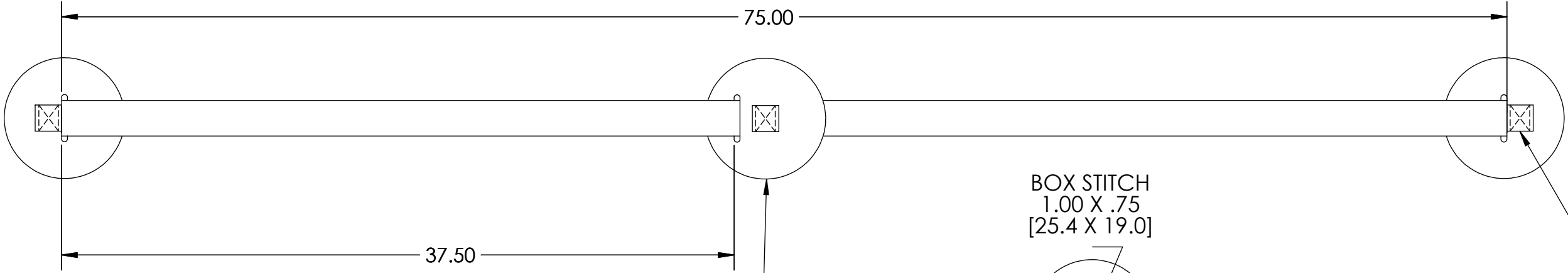


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SECTION L-L

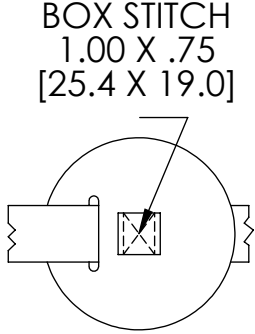
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647.6037

REF 69

REF 65



DETAIL G

ORIGINAL DATE (MO-DA-YR)	12-10-2013
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CHECKER	P. BRAVO
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12-10-2013	
CONTRACT No.	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°	
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DART
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SUITE A
VISTA, CA. 92081
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SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	647.6000	PF2
SCALE	NONE	SHEET	11 OF 11